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	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER 46594-0004-01-US						
	DESIGNATED/ELECTED ICERNING A SUBMISSIO	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/576,670						
INTERNA	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
PCT/U	IS2004/035011	21 OCT 2004 (21.10.2004)	21 OCT 2003 (21.10.2003)					
TITLE OF INVENTION NEUROPROTECTION WITH BETA-LACTAM COMPOUNDS								
Jeff	NT(S)FOR DOÆO/US rey D. ROTHSTEIN; Dor	othy CHUNG						
Applican	t herewith submits to the United St	ates Designated/Elected Office (DO/EC	O/US) the following items and other information:					
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2. 区	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4.	The US has been elected (Article 31).							
5.	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))						
	a. is attached hereto (required	d only if not communicated by the Internation	nal Bureau).					
	b. has been communicated by	the International Bureau.						
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6.	An English language translation of the	e International Application as filed (35 U.S.C	3. 371(c)(2)).					
	a. is attached hereto.							
_	b. has been previously submi	tted under 35 U.S.C. 154(d)(4).	7					
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.							
	d. have not been made and will not be made.							
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.	An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).						
10. 🔲	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E.	xamination Report under PCT					
Items	11 to 20 below concern document(s	e) or information included:	,					
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.						
12.	An assignment document for recording	ng. A separate cover sheet in compliance wit	h 37 CFR 3.28 and 3.31 is included.					
13. X	A preliminary amendment (incl. 9 sheets replacements drawings)							
14.	An Application Data Sheet under 37 CFR 1.76.							
15.	A substitute specification.							
16.	A power of attorney and/or change of address letter.							
17. X	A computer-readable form of the seq	uence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.					
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language	ge translation of the international application	under 35 U.S.C. 154(d)(4).					
	of information is required by 27 CER 1.414							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10

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0.5. APPLICATION NO. (if known, see 37 CFR 1.5)				PCT/US04/35011		ATTORNEY'S DOCKET NUMBER 46594-0004-01-US		
Other items or information: Patent Application Fee Determination Record (PTO/SB/06); Written (on paper) Sequence Listing (4 pgs); Statement to Support Filing and Submission in Accordance w/37 CFR 1.821-1.825; postcard receipt								
The following fees have been submitted						CALCULATIONS	PTO USE ONLY	
21. Basic	nation	nal fee (37 (CFR 1.492(a))	•••••	\$300	\$		
22.	ination	fee (37 CF	R 1.492(c))					
22. Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations						\$		
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						\$		
TOTAL OF 21, 22 and 23 =						- 0 -		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) in an electronic medium or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra	Atra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)		RATE				
- 100 =		/50 =			x \$250	s - 0 -	ı	
				n fee, examination fee, or the e (37 CFR 1.492(h)).	oath or declaration	\$		
CLAIMS NUM		NUMBI	BER FILED NUMBER EXTRA RATE			\$		
Total claims		36 - 27	X-X20 =	9	× \$ 50	\$ 450		
Independent clain	ns	2 -	3 =	0	× \$200	\$ 0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360						\$ 0		
TOTAL OF ABOVE CALCULATIONS =						\$ 450		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.						225		
SUBTOTAL =						\$ 225		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$			
TOTAL NATIONAL FEE =						\$ 225		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$						\$		
TOTAL FEES ENCLOSED = \$ 225								
81/22/269A _{IGE}						AnGREYN to by 1988 1988 1988 1988 1988 1988 1988 198	19576679	
M1 FC:20						refunded:		
						charged	\$ 225.00 OP	

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a. X	A check in the amount of \$25	to cover the al	oove fees is endo	osed.					
b. L_J	Please charge my Deposit Account NoA duplicate copy of this sheet is enclosed.	in the amount o	f \$	_ to cover the above fees.					
c. X	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0573. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should represent the included on this form. Provide credit card information and authorization on PTO-2038.								
d. 🗀									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SENDA	LL CORRESPONDENCE TO:								
0									
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